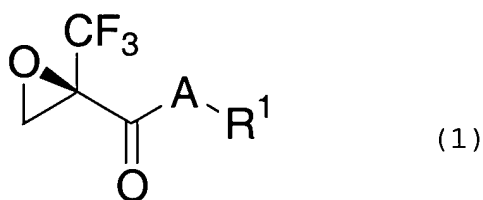


AMENDMENTS TO THE ABSTRACT:

Please amend the Abstract as follows (a clean copy of the Abstract is provided on a separate sheet):

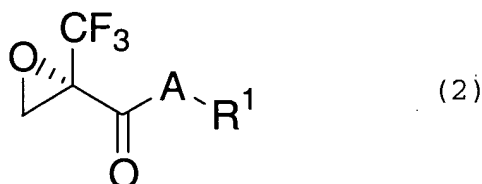
ABSTRACT OF THE DISCLOSURE

~~An optically~~Optically active fluorine-containing ~~compound~~compounds of represented by the following formula (1):



~~wherein A is an oxygen atom, a sulfur atom or an NH group, and R¹ is a methyl group, an ethyl group, a C₃₋₁₀ linear, branched or cyclic alkyl group, a C₆₋₂₀ aromatic group, a C₆₋₂₀ aromatic group having hydrogen on the aromatic ring optionally substituted by a halogen atom, a C₆₋₂₀ aromatic group having hydrogen on the aromatic ring optionally substituted by a methyl group, a C₆₋₂₀ aromatic group having hydrogen on the aromatic ring optionally substituted by an ethyl group, a C₆₋₂₀ aromatic group having hydrogen on the aromatic ring optionally substituted by a C₃₋₆ linear, branched or cyclic alkyl group, a C₆₋₂₀ aromatic group having hydrogen on the aromatic ring optionally substituted by a methoxy group, a C₆₋₂₀ aromatic group having hydrogen on the aromatic ring optionally substituted by an ethoxy group, a C₆₋₂₀ aromatic group having hydrogen on the aromatic ring optionally substituted by a C₃₋₆ linear, branched or cyclic alkyloxy group, a C₅₋₁₉ heteroaromatic group, a C₅₋₁₉ heteroaromatic group having hydrogen on the aromatic ring optionally substituted by a halogen atom, a C₅₋₁₉ heteroaromatic group having hydrogen on the aromatic ring optionally substituted by a methyl group, a C₅₋₁₉ heteroaromatic group having hydrogen on the aromatic ring optionally substituted by an ethyl group, a C₅₋₁₉ heteroaromatic group having hydrogen on the aromatic ring optionally substituted~~

~~by a C₃₋₆ linear, branched or cyclic alkyl group, a C₅₋₁₀ heteroaromatic group having hydrogen on the aromatic ring optionally substituted by a methoxy group, a C₅₋₁₀ heteroaromatic group having hydrogen on the aromatic ring optionally substituted by an ethoxy group, a C₅₋₁₀ heteroaromatic group having hydrogen on the aromatic ring optionally substituted by a C₃₋₆ linear, branched or cyclic alkyloxy group, a benzyl group, a benzyl group having hydrogen on the aromatic ring optionally substituted by a halogen atom, a benzyl group having hydrogen on the aromatic ring optionally substituted by a methyl group, a benzyl group having hydrogen on the aromatic ring optionally substituted by an ethyl group, a benzyl group having hydrogen on the aromatic ring optionally substituted by a C₃₋₆ linear, branched or cyclic alkyl group, a 2-phenylethyl group, or a C₃₋₁₀ linear, branched or cyclic alkyl group having a C₆₋₂₀ aromatic group bonded thereto, or by the following or of formula (2):~~



~~wherein A and R¹ are as defined above~~ are used for producing optically active 3,3,3-trifluoro-2-hydroxy-2-methylpropionic acids.